

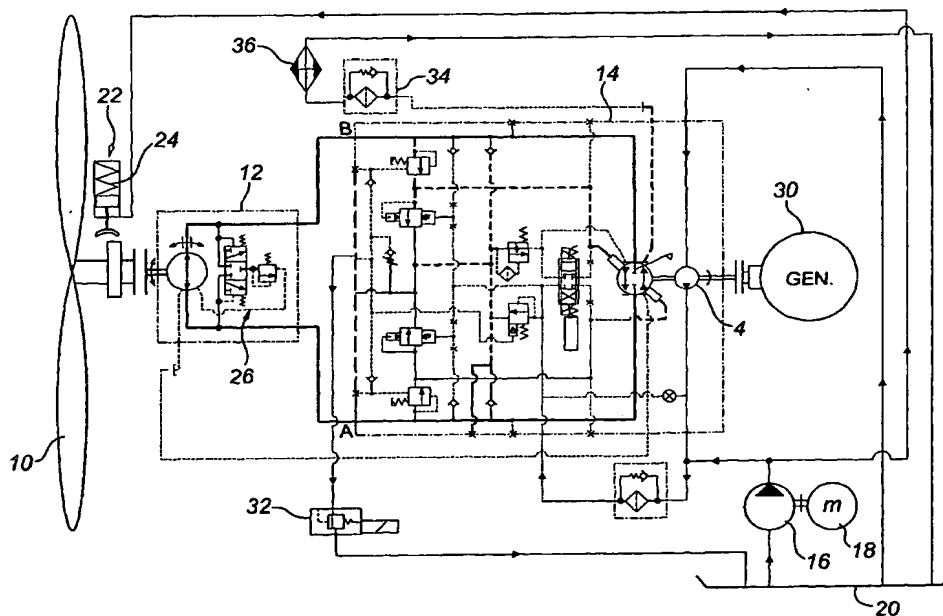
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60/319,249 **16 May 2002 (16.05.2002)** **US**
- (71) Applicant (for all designated States except US): **MLH GLOBAL CORPORATION INC. [CA/CA]**; 9417 - 27 Avenue, Edmonton, Alberta T6N 1C6 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HARVEY, Alexander, S. [CA/CA]**; c/o 9417 - 27 Avenue, Edmonton, Alberta T6N 1C6 (CA). **MCCONNELL, David [CA/CA]**; c/o 9417 - 27 Avenue, Edmonton, Alberta T6N 1C6 (CA).
- (74) Agent: **BENNETT JONES LLP**; 1000 ATCO Centre, 10035 - 105 Street, Edmonton, Alberta T5J 3T2 (CA).
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- Published:**
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **WIND TURBINE WITH HYDRAULIC TRANSMISSION**

(57) Abstract: A wind turbine includes a closed loop hydrostatic transmission. The rotor is directly coupled to a low-speed high torque hydraulic motor, which is pressure-reversible to act as a pump. A variable displacement, pressure compensated hydrostatic transmission receives the hydraulic fluid output and drives a generator. The hydrostatic transmission and the generator may be compactly located in the nacelle of wind turbine tower.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/CA 03/00717

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F03D11/02 F16H61/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 30 25 563 A (RIVA CALZONI SPA) 12 February 1981 (1981-02-12) the whole document ---	1-14
Y	US 5 746 056 A (SMITH DAVID P) 5 May 1998 (1998-05-05) abstract column 2, line 16 -column 3, line 7 column 4, line 8 - line 29; figure 1 ---	1-14
A	US 4 503 673 A (SCHACHLE EDWARD C ET AL) 12 March 1985 (1985-03-12) cited in the application -----	



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Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Criado Jimenez, F

INTERNATIONAL SEARCH REPORT

information on patent family members

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